

Title (en)

Electric rotary machine and power generation systems using the same

Title (de)

Drehende elektrische Maschine und Stromversorgungssystem damit

Title (fr)

Machine électrique tournante et système générateur de puissance utilisant la même

Publication

EP 1237259 A2 20020904 (EN)

Application

EP 01128444 A 20011205

Priority

JP 2001053421 A 20010228

Abstract (en)

The present invention provides an electric rotary machine (2) including a rotor (20) having a field magnet provided on a shaft (22), the field magnet comprising a first field magnet (21A) with magnetic poles of sequentially different polarities arranged in a rotational direction, a second field magnet (21B) with magnetic poles of sequentially different polarities arranged in a rotational direction wherein the second field magnet is rotatable on the shaft and displaced axially with respect to the first field magnet. <IMAGE>

IPC 1-7

H02K 7/18; **H02K 7/12**; **H02K 16/02**

IPC 8 full level

H02K 1/22 (2006.01); **F01D 15/10** (2006.01); **H02K 1/27** (2006.01); **H02K 1/28** (2006.01); **H02K 7/12** (2006.01); **H02K 7/18** (2006.01); **H02K 16/02** (2006.01); **H02K 21/14** (2006.01)

CPC (source: EP KR US)

F01D 15/10 (2013.01 - EP US); **H02K 7/12** (2013.01 - EP US); **H02K 7/1823** (2013.01 - EP US); **H02K 16/02** (2013.01 - EP KR US); **H02K 21/024** (2013.01 - EP US); **H02K 21/029** (2013.01 - EP US)

Cited by

EP1401087A1; WO2006105839A1; EP2306621A1; WO2009004633A3; US7608962B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1237259 A2 20020904; **EP 1237259 A3 20041027**; CN 1187876 C 20050202; CN 1373543 A 20021009; JP 2002262487 A 20020913; JP 3879412 B2 20070214; KR 20020070625 A 20020910; US 2002117927 A1 20020829; US 6771000 B2 20040803

DOCDB simple family (application)

EP 01128444 A 20011205; CN 01133804 A 20011220; JP 2001053421 A 20010228; KR 20010084859 A 20011226; US 98805401 A 20011116